UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/21/2005

McGuireWoods LLP Suite 1800 1750 Tysons Boulevard Tysons Corner McLean, VA 22102-4215

EXA	MINER	
MILLER, C	CARL STUART	
ART UNIT	PAPER NUMBER	

DATE MAILED: 09/21/2005

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/814,274 04/01/2004 Ulrich Augustin 06580028US 8108

TITLE OF INVENTION: CONTROL VALVE FOR FUEL INJECTOR AND METHOD OF USE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUÉ
nonprovisional	NO	· \$1400	\$300	\$1700	12/21/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notification					Note: A certificate of	mailing can only be used for	or domestic mailings of the	
				j	Fcc(s) Transmittal. Th	is certificate cannot be used fall paper, such as an assignme of mailing or transmission.	for any other accompanying	
75	90 09/21/2005			ł	nave its own certificate	e of mailing or transmission.	in or formar drawing, must	
McGuireWoods I Suite 1800 1750 Tysons Boule Tysons Corner					Cer hereby certify that the States Postal Service valdressed to the Mai ransmitted to the USP	rtificate of Mailing or Trans his Fee(s) Transmittal is being with sufficient postage for fird 1 Stop ISSUE FEE address TO (571) 273-2885, on the d	mission g deposited with the United st class mail in an envelope above; or being facsimile late indicated below.	
McLean, VA 22102	2-4215			ſ			(Depositor's name)	
,				Ì			(Signature)	
				į			(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED	INVENT	OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/814,274	04/01/2004		Ulrich A	ugustin		06580028US	8108	
TITLE OF INVENTION: CO	ONTROL VALVE FOR FU	EL INJECTOR A	ND METHOD	OF USI	3			
APPLN, TYPE	SMALL ENTITY	ISSUE F	EE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400)		\$300	\$1700	12/21/2005	
EXAM	INER	ART UN	lT	CL	ASS-SUBCLASS]		
MILLER, CA	RL STUART	3747			123-494000			
"Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required.	ence address (or Change of 12) attached. ion (or "Fee Address" Indica or more recent) attached. Use	Correspondence	(1) the nam or agents O (2) the nam registered a 2 registered listed, no na	nes of up OR, alternate of a signature of a signatu	ngle firm (having as a or agent) and the nam attorneys or agents. If be printed.	nt attorneys 1a member a 2		
3. ASSIGNEE NAME AND								
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	clow, no assignce of this form is NO	data will appe I a substitute f	ear on the for filing	e patent. If an assign an assignment.	nce is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGNI	EE	(B) RESIDENCI	E: (CITY	and STATE OR CO	UNTRY)		
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the pa	itent) :	☐ Individual ☐ C	orporation or other private gro	oup entity Government	
4a. The following fee(s) are	enclosed:	. 4b	. Payment of F	Fec(s):		==		
Issue Fee					ount of the fee(s) is en			
Publication Fee (No small entity discount permitted)		ed)	Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to					
☐ Advance Order - # of	Copies		Deposit Acco	ctor is he ount Nun	ereby authorized by c	harge the required fee(s), or enclose an extra c	credit any overpayment, to opy of this form).	
5. Change in Entity Status a. Applicant claims St	(from status indicated above	,	b. Applica	ant is no	longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).	
The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issu ublication Fee (if required) v ords of the United States Pate	ue Fee and Publica vill not be accepted ent and Trademark	tion Fee (if any I from anyone Office.	y) or to r other th	c-apply any previouslan the applicant; a reg	y paid issue fee to the applica istered attorney or agent; or the	ation identified above. ne assignee or other party in	
Authorized Signature					Date			
Typed or printed name	Typed or printed name							
This collection of informatio an application. Confidentiali submitting the completed ap this form and/or suggestions Box 1450, Alexandria, Virginia 22313-	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C. plication form to the USPT for reducing this burden, st nia 22313-1450. DO NOT 1450.	11. The informatic 122 and 37 CFR O. Time will vary hould be sent to the SEND FEES OR (n is required to 1.14. This colledepending upon Chief Inform COMPLETED	o obtain ection is on the ir ation Of FORMS	or retain a benefit by estimated to take 12 dividual case. Any co- ficer, U.S. Patent and S TO THIS ADDRES:	the public which is to file (an minutes to complete, includir onments on the amount of tit Trademark Office, U.S. Dep S. SEND TO: Commissioner displays a valid OMB control	d by the USPTO to process) ag gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450, number.	



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/814,274	04/01/2004	Ulrich Augustin	06580028US	8108
7590 09/21/2005			EXAM	INER
McGuireWoods 1	LLP		MILLER, CARL STUART	
Suite 1800 1750 Tysons Boule	evard		ART UNIT	PAPER NUMBER
Tysons Corner			3747	
McLean, VA 2210	2-4215		DATE MAILED: 09/21/2005	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 27 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 27 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.